

**FY 2011 Seasonal High Tunnel System for Crops  
Interim Practice Code 798**

This data is to be completed by an NRCS employee for the Interim Code 798 - Seasonal High Tunnel Systems for Crops for Tunnel Systems that have completed at least one year of production.

State:                      County:                      Date:

Producer/Project Name:

Square Feet of Seasonal High Tunnel:                      Cost of High Tunnel:

**List up to 5 Associated Support Practices that were needed to fully implement the 798 Seasonal High Tunnel Systems for Crops Practice (e.g. Diversion, Underground Outlet, Irrigation, etc.):**

Associated Support Practice (1):

Cost of Associated Practice (1):

Associated Support Practice (2):

Cost of Associated Practice (2):

Associated Support Practice (3):

Cost of Associated Practice (3):

Associated Support Practice (4):

Cost of Associated Practice (4):

Associated Support Practice (5):

Cost of Associated Practice (5):

**1.** What purpose(s) and for which conservation resource concern(s) was 798 planned to address (check all that apply):

☐ Improve Plant Quality

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- ☐ Improve Soil Quality
- ☐ Reduce Nutrient and Pesticide Transport
- ☐ Improve Air Quality Through Reduced Transport Inputs
- ☐ Reduce Energy Use Through Local Consumption

Other:

**2 A.** Before Implementing the Seasonal High Tunnel - If Plant Quality was the purpose check the appropriate **benchmark** Plant quality condition:

- ☐ Plants not adapted to the site to meet the client's objective.
- ☐ Plants do not produce the yields, quality, or soil cover to meet client objectives.
- ☐ Other:

**2 B.** After Implementing the Seasonal High Tunnel - If Plant Quality was the purpose check the appropriate **achieved** Plant quality condition:

- ☐ The site was adapted to produce the desired crops to meet the client's objective.
- ☐ The quality of the crops produced was improved to meet the client's objective.

Other:

**3 A.** Before Implementing the Seasonal High Tunnels - If Soil Quality was the purpose check the appropriate **benchmark** soil quality condition:

- ☐ Soil organic matter has been lowered or is diminished to a level that degrades soil quality.
- ☐ Compressed soil particles and aggregates caused by mechanical compaction adversely affect plant-soil-moisture relationships.

Other:

**3 B.** After Implementing the Seasonal High Tunnel - If Soil Quality was the purpose check the appropriate **achieved** soil quality condition:

- ☐ Increased the SCI within the High Tunnel from a Negative to a Positive value.
- ☐ Increased the positive SCI to a higher positive SCI value.
- ☐ Reduced mechanical compactions and created a desirable plant-soil-moisture relationship.

Other:

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**4 A.** Before Implementing the Seasonal High Tunnels - If Nutrient and/or Pesticide Transport was the purpose check the appropriate **benchmark** Nutrient and Pesticide Transport condition (check all that apply):

- ☐ Nutrients are identified as a resource concern in the ground water.
- ☐ Nutrients are identified as a resource concern in the surface water.
- ☐ Pesticides are identified as a resource concern in the ground water.
- ☐ Pesticides are identified as a resource concern in the surface water.

Other:

**4 B.** After Implementing the Seasonal High Tunnel - If Nutrient and/or Pesticide Transport was the purpose check the appropriate **achieved** Nutrient and Pesticide Transport condition:

- ☐ Nutrients were adequately mitigated as an identified concern in the ground water by applying 798, and/or 590 Nutrient Management, and/or 449 Irrigation Water Management.
- ☐ Nutrients were adequately mitigated as an identified concern in the surface water by applying 798, and/or 590 Nutrient Management, and/or 449 Irrigation Water Management.
- ☐ Pesticides were adequately mitigated as an identified concern in the ground water by applying 798, and/or 595 Integrated Pest Management, and/or 449 Irrigation Water Management.
- ☐ Pesticides were adequately mitigated as an identified concern in the surface water by applying 798, and/or 595 Integrated Pest Management, and/or 449 Irrigation Water Management.

Other:

**5 A.** Before Implementing the Seasonal High Tunnels - If Improving Air Quality Through Reduced Transportation Inputs was the purpose check the **benchmark** Air Quality condition:

- ☐ Vehicles used to transport inputs and harvested crops contributed to reducing an identified air quality (e.g., greenhouse gas) concern.

Other:

**5 B.** After Implementing the Seasonal High Tunnel - If Improving Air Quality Through Reduced Transportation Inputs was the purpose check the **achieved** Air Quality condition:

- ☐ The High Tunnel installation and operation reduces the transportation miles of inputs into the production of crops and the reduced transportation miles of the harvested crops.

Other:

**6 A.** Before Implementing the Seasonal High Tunnels - If Reducing Energy Use was the purpose check the **benchmark** Energy condition:

- ☐ The crops produced prior to the installation and operations of the 798 “High Tunnel” were transported out of the local area (nearest town).

Other:

**6 B.** After Implementing the Seasonal High Tunnel - If Reducing Energy Use was the purpose check the **achieved** Energy condition:

- ☐ The crops produced after the installation and operations of the 798 “High Tunnel” were transported within the local area (nearest town).

Other:

**7.** When completing the CPA 52, did the installation or operation of the 798 Season High Tunnel System for Crops affect any Threatened or Endangered Species:

- ☐ Yes ☐ No

If Yes, describe the species and the condition of the species:

**8.** Issues/Concerns/Observations about the 798 Season High Tunnel System for Crops Interim Standard:

Positive Experiences:

Negative Experiences:

**9.** (Optional) Client comments:

Positive Experiences:

Negative Experiences:

**10.** Client’s future plans for using 798 Seasonal High Tunnel System for Crops:

- ☐ Plans to continue to use the Seasonal High Tunnel System for Crops for the lifespan of the structure.

Attachment1

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☐ Plans to add additional Seasonal High Tunnels to the farming operation.

Other Client Comments:

**11.** The Seasonal High Tunnel was installed:

- ☐ On existing cropland and will stay in the same location each year.
- ☐ On existing cropland but will move to a new location each year.
- ☐ On land converted to cropland and will stay in the same location each year.
- ☐ On land converted to cropland but will move to a new location each year.

**12.** The Seasonal High Tunnel had (check all that apply):

- ☐ Automated ventilation systems installed.
- ☐ Manual ventilation systems installed.
- ☐ Electric portable fans used.
- ☐ Electric fans installed (fixed).
- ☐ Drip irrigation installed.
- ☐ Had overhead sprinkler irrigation installed.
- ☐ Use a portable sprinkler irrigation system.

**13.** ☐ The practice did not meet the client objectives. Explain:

**14.** Other Comments/Observations on the use and effects of the 798 Seasonal High Tunnels :

**15.** Please send a digital photo of the completed Seasonal High Tunnels with the State Name, Field Office Name, and the Producer Name in the photo file name.